ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625

PERMIT # OSWP-2022-2974

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4636-50-2621 ✓

APPLICANT / OWNER: Michael Athanas & Associates | APPLICANT ADDRESS: 2630 Statesville Blvd, Salisbury, NC 28147

SITE ADDRESS: 131 MARINA LN, MOORESVILLE, NC 28117 ✓ | PHONE: 7043101832 | ALT PHONE:

SITE DIRECTIONS:

SAP CONTROLLED: YES ☐ NO ☒

SUBDIVISION: Waterdance Peninsula ✓ | SECTION: | LOT #: 250 ✓ | LOT AREA: 0.32 | DESIGN FLOW: 360 | L.T.A.R.: .30

Septic Tank: (gal) 1000	STB: Infiltrator	Date:	☑ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 3	Water Supply: Community Well
Pump Tank: (gal) —	PT: —	Date: —	System Description: Gravity PF&PS		☐ Business	No. Persons: 6	
Pump Make: —	Model: —	Serial #: —	Repair System Description: Existing		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 5	Linear Ft: 200	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space	
Trench Width: 24 in	Trench Bottom Depth (~~Lowest~~): 36 inch		Gravel Depth: —	☑ GRAVITY ☐ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions:

INITIAL SITE SKETCH

See attached site plan + Design by Michael Athanas + Associates Dated 8/19/2022

AS BUILT SKETCH

Tank CW 4/21/23
Check filter
Lines

Permit can be suspended or revoked if any false information is supplied regarding the permit application or changes are made in the site. Any unauthorized changes are made in the installation of the system. CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION.

☐ IMPROVEMENT PERMIT with plat read & signed by ☑ IMPROVEMENT PERMIT with site plan read & signed by ☑ AUTHORIZATION TO CONSTRUCT ☐ IMPROVEMENT PERMIT

Owner / Applicant Signature: _____ Date: _____

IMPROVEMENT PERMIT by: Benjamin A Athanas Date: 9/24/22

AUTHORIZATION TO CONSTRUCT by: Benjamin A Athanas Date: 10/14/22

Installed By: Larry Heinkel

OPERATION PERMIT by: Larry Heinkel Date: 4/25/23

Existing System Inspected By: _____ Date: _____

FOR DEPTH FINAL INSPECTION CALL 704-864-3703 BETWEEN 8 a.m. the day the inspection is needed

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PIN # 4636-50-2621

APPLICANT / OWNER: Michael Athanas & Associates APPLICANT ADDRESS: 2630 Statesville Blvd, Salisbury, NC 28147

SITE ADDRESS: 131 MARINA LN, MOORESVILLE, NC 28117 PHONE: 7043101832 ALT. PHONE:

SITE DIRECTIONS: SAP CONTROLLED: YES ☐ NO ☒

SUBDIVISION: Commodore Peninsula SECTION: LOT #: 250 LOT AREA: 0.32 DESIGN FLOW: 360 L.T.A.R.: .30

Septic Tank: (gal) 1000	STB:	Date:	☑ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 3	Water Supply: Community Well
Pump Tank: (gal) —	PT: —	Date: —	System Description: Gravity PPBPS		☐ Business	No. Persons: 6	
Pump Make: —	Model: —	Serial #: —	Repair System Description: Exempt		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 5	Linear Ft.: 200	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space	
Trench Width: 24 in	Trench Bottom Depth ~~(Low side)~~: 36" max		Gravel Depth: —	☑ GRAVITY ☐ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions:

INITIAL SITE SKETCH

See attached site plan + Design by Michael Athanas + Associates Dated 8/19/2022

AS BUILT SKETCH

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION

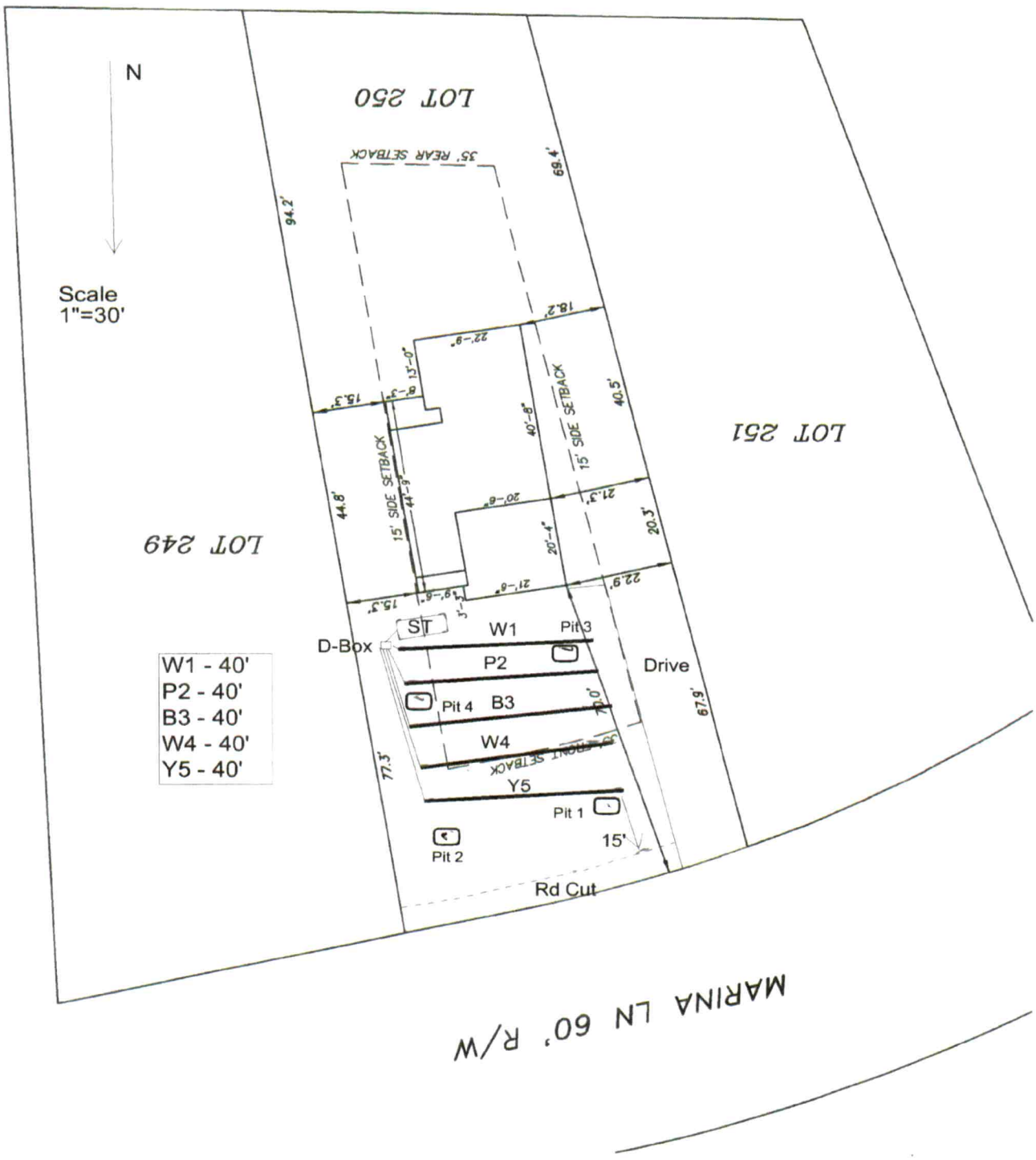
☐ IMPROVEMENT PERMIT with plat valid without expiration. ☑ IMPROVEMENT PERMIT with site plan valid for 60 mos. ☐ AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

Owner / Applicant Signature: Date: Installed By:

IMPROVEMENT PERMIT by: Byjamin A Butler Date: 9/24/22 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Date: Existing System Inspected By: Date:

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 BETWEEN 8am-9am the day the inspection is needed.


N
Scale
1"=30'
LOT 250
LOT 251
LOT 249
35' REAR SETBACK
94.2'
69.4'
18.2'
40.5'
15' SIDE SETBACK
40'-8"
44.8'
20.3'
22.9'
77.3'
67.9'
70.0'
D-Box
ST
W1
Pit 3
P2
Drive
Pit 4
B3
W4
Y5
Pit 1
Pit 2
15'
Rd Cut
W1 - 40'
P2 - 40'
B3 - 40'
W4 - 40'
Y5 - 40'
MARINA LN 60' R/W

MA&A
SOIL & ENVIRONMENTAL CONSULTANTS

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
556Walden Trail
Weddington, NC 28173
(704) 576-3887
8/19/2022

Reference: Data Sheet for 131 Marina Ln, Commodore Peninsula Lot 250
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side
Water Source: Community Well
Number of Bedrooms/Daily Flow: 3/360 GPD
Proposed LTAR: 0.3 GPD/FT^2
Proposed System Type: PPBPS
Proposed Repair System Type: Exempt (deeded 1963)
Distribution: Distribution Box
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 36"

Line	Design Length	Actual Length
White 1	40'	43'
Pink 2	40'	42'
Blue 3	40'	44'
White 4	40'	46'
Yellow 5	40'	46'



Initial System: 200' **Repair System:** Exempt

Comments:
Deeded 1963 BK/PG – 7/16

Please note this design is only intended for the use of two people per bedroom for a total design flow of 360 GPD and a total occupancy of 6 people. It is intended for residential use only, no commercial use. Please note once a septic system reaches 80% of the designed flow you are reaching the maximum ability of the septic system. Additional occupancy could lead to premature failure of the septic system.

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Gus Bacogeorge APPLICATION DATE
ADDRESS: 9545 White Hemlock Ln, Charlotte, NC 28270 DATE EVALUATED: 8/2022
PROPOSED FACILITY: 3 BDRM PROPOSED DESIGN FLOW (.1949): 360 GPD PROPERTY SIZE: 0.23 AC
LOCATION OF SITE: 131 Marina Ln, Commodore Peninsula Lot 250 PROPERTY RECORDED: 1963
WATER SUPPLY: ☐ Private X Public X Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring X Pit ☐ Cut TYPE OF WASTEWATER: X Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	LS 8%	0-7	Br CL WSBK	FR SS SP SXP	N/A	48"	N/A	N/A	PS 0.3
		7-43	R C SBK	FR SS SP SXP					
		43-48	R CL WSBK	FR SS SP SXP					
2	LS 8%	0-8	Br CL WSBK	FR SS SP SXP	N/A	48"	N/A	N/A	PS 0.3
		8-40	R C SBK	FR SS SP SXP					
		40-48	R CL WSBK	FR SS SP SXP					
3	LS 8%	0-8	Br CL WSBK	FR SS SP SXP	N/A	50"	N/A	N/A	PS 0.3
		8-42	R C SBK	FR SS SP SXP					
		42-50	R CL WSBK	FR SS SP SXP					
4	LS 8%	0-10	Br CL WSBK	FR SS SP SXP	N/A	50"	N/A	N/A	PS 0.3
		10-42	R C SBK	FR SS SP SXP					
		42-50	R CL WSBK	FR SS SP SXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400 FT^2	EXEMPT
System Type(s)	PPBPS	
Site LTAR	0.3	

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MA&A
OTHER(S) PRESENT:

COMMENTS:

N
Scale
1"=30'
LOT 250
LOT 251
LOT 249
35' REAR SETBACK
94.2'
69.4'
18.2'
22'-9"
13'-0"
8'-1"
15.3'
15' SIDE SETBACK
40'-8"
40.5'
44.8'
44'-9"
20'-6"
21.3'
20.3'
20'-4"
21'-6"
22.9'
9'-6"
3'-3"
ST
D-Box
W1
Pit 3
P2
Drive
Pit 4
B3
70.0'
67.9'
W4
35' FRONT SETBACK
77.3'
Y5
Pit 1
15'
Pit 2
Rd Cut
W1 - 40'
P2 - 40'
B3 - 40'
W4 - 40'
Y5 - 40'
MARINA LN 60' R/W

181 Marina

PERMIT SNAPSHOT REPORT OSWP-2022-2974 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Improvement Permit
Status: PRIORITY PERMIT
Valuation: $0.00
Description: Exp Review

Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Botkins, Ben

App Date: 08/30/2022
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Parcel: 4636502621.000 Main
Address: 131 Marina Ln Main
Mooresville, NC 28117
Zone: RR(Resort Residential District)

Property Owner
JOHN M GIAMBRA
108 WASHAM RD
MOORESVILLE, NC 28117

Applicant/Authorized Agent
Michael Athanas & Associates
Gary McNeely
2630 Statesville Blvd
Salisbury, NC 28147
Mobile: (704) 310-1832

Permit Custom Fields

How is your site plan being submitted	Survey Plat	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	See attached plan	What are the proposed structures	New Single Family Residence
If other Addition/Structure, please explain		Maximum Number of Bedrooms	3	Number of Occupants	6
Foundation Type	Crawl Space Foundation	Water Supply	Community Well	Desired Septic System Type	Modified Conventional
If other septic system type, please explain		Has this project been approved by TRC	No	Lot Acreage	0.32
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Is the structure or development in the floodplain	No	Is the property in a local historic district?	No
Is the property located downtown?	No	Additional Unique Setbacks Apply	No	Watershed	WSIV CA CATAWBA/LAKE NORMAN

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Gary_McNeely_8/30/2022.jpg	08/30/2022 9:21	McNeely, Gary		Uploaded via CSS
131 Marina Ln AF_v1.pdf	08/30/2022 9:52	Nebel, Barbara	Available Online	Authorize to Act as Agent
131 Marina Ln_v1.pdf	09/01/2022 14:40	Nebel, Barbara	Available Online	Site Plan
131 Marina Ln Data Sheet.docx	09/01/2022 14:43	Nebel, Barbara		
131 MARINA LN SOIL.doc	09/01/2022 14:43	Nebel, Barbara		

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2022-16682	Requested	OSWP Septic/Well Preliminary Site Visit	09/09/2022	09/09/2022 0:00	09/09/2022 0:00		

Inspectors: White, Bryant (Primary)

Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00001450	New Gravity System		$350.00	$350.00
		Total for Invoice INV-00001450	$350.00	$350.00
INV-00001898	Iredell Zoning Permit Fee		$75.00	$75.00
	Iredell Zoning Tech Fee		$2.25	$2.25
		Total for Invoice INV-00001898	$77.25	$77.25

PERMIT SNAPSHOT REPORT (OSWP-2022-2974)

	Grand Total for Permit	$427.25	$427.25
Workflow Step / Action Name	**Action Type**	**Start Date**	**End Date**
Application Completeness Check v.1		09/01/2022 0:00	09/01/2022 14:44
Confirm application complete v.1	Generic Action		09/01/2022 14:44
Fees v.1		09/01/2022 0:00	09/08/2022 14:36
Issue Invoice v.1	Generic Action		09/01/2022 14:46
Fees Paid v.1	Generic Action		09/08/2022 14:36
Zoning Review v.1		09/01/2022 0:00	09/14/2022 13:00
Iredell County Zoning Approval v.1	Task	09/01/2022 0:00	09/09/2022 16:38
Issue Invoice v.1	Generic Action		09/09/2022 16:38
Fees Paid v.1	Generic Action		09/14/2022 13:00
Lot Readiness Verification v.1		09/16/2022 0:00	
OSWP Septic Preliminary Site Visit v.1	Inspection	09/16/2022 0:00	09/16/2022 13:31
OSWP Site Evaluation v.1	Inspection		
Issue Improvement Permit v.1			
Issue Invoice v.1	Generic Action		
Fees Paid v.1	Generic Action		
Issue Permit v.1	Generic Action		
Permit Completion Process v.1			
Authorization to Construct Permit v.1	Create Sub Permit		
Issue Authorization to Construct v.1	Generic Action		